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| Su    | bstitute for form 1449A/B | /PTO      |            | Complete if Known      |                       |  |
|-------|---------------------------|-----------|------------|------------------------|-----------------------|--|
|       |                           |           |            | Application Number     | Not Yet Assigned      |  |
| l II  | NFORMATIO                 | ON DI     | SCLOSURE   | Filing Date            | Concurrently Herewith |  |
| 5     | STATEMENT BY APPLICANT    |           |            | First Named Inventor   | Jyrki Mikkola         |  |
|       |                           |           |            | Art Unit               | N/A                   |  |
|       | (Use as many              | sheets as | necessary) | Examiner Name          | Not Yet Assigned      |  |
| Sheet | 1                         | of        | 1          | Attorney Docket Number | 02709/0200717-US0     |  |

| U.S. PATENT DOCUMENTS |                          |  |                             |   |                              |  |
|-----------------------|--------------------------|--|-----------------------------|---|------------------------------|--|
| Examiner              | Cito                     | Document Number                                      | Publication Date            | Name of Patentee or                             | Pages, Columns, Lines, Where |  |
| Initials*             | Cite<br>No. <sup>1</sup> | Number-Kind Code <sup>2</sup> ( if known) MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant<br>Figures Appear |                              |  |
| AL.                   | AA                       | US-2003/0146873-A1                                   | 08-07-2003                  | Blancho   |                              |  |

|                       |              | FOREI  | GN PATENT                         | DOCUMENTS  |   |   |
|-----------------------|--------------|--|-----------------------------------|--|---|---|
| Examiner<br>Initials* | Cite<br>No.1 | Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear |   |
| AL                    | ВА           | JP-10107671-A1   | 04-24-1998                        | Kokusai Electric Co., Ltd.                         |   |   |
| FL                    | BB           | EP-1 067 627-A1  | 01-10-2001                        | Robert Bosch GMBH                                  |   | Ì |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |              |   |    |  |  |  |
|---------------------------------|--------------|---|----|--|--|--|
| Examiner<br>Initials            | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |  |  |  |
| AL                              | CA           | A Finnish Search Report, dated September 23, 2003, which issued during the prosecution of Finnish Application No.20030093 which corresponds to the present application  |    |  |  |  |
| AL                              | СВ           | A Finnish Search Report, dated September 18, 2003, which issued during the prosecution of Finnish Application No. 20030059 which corresponds to the present application   |    |  |  |  |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Signature Date Considered 04-18-2005

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/B/PTO

Complete If Known

Application Number 10/753.885

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

| Complete If Known      |                   |  |  |  |  |
|------------------------|-------------------|--|--|--|--|
| Application Number     | 10/753,885        |  |  |  |  |
| Filing Date            | January 7, 2004   |  |  |  |  |
| First Named Inventor   | Jyrki Mikkola     |  |  |  |  |
| Art Unit               | N/A               |  |  |  |  |
| Examiner Name          | Not Yet Assigned  |  |  |  |  |
| Attorney Docket Number | 02709/0200717-US0 |  |  |  |  |

| U.S. PATENT DOCUMENTS |      |   |                  |                             |   |  |  |
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| Evaminar              | Cita | Document Number                           | Publication Date | Name of Patentee or         | Pages, Columns, Lines, Where                    |  |  |
| Examiner<br>Initials* | No.1 | Number-Kind Code <sup>2</sup> ( if known) | MM-DD-YYYY       | Applicant of Cited Document | Relevant Passages or Relevant<br>Figures Appear |  |  |
| AL                    | AA** | US-6,034,637-B1                           | 03-07-2000       | McCoy et al.                |   |  |  |

<sup>\*\*</sup> Pursuant to the Notice issued by the United States Patent and Trademark Office dated July 11, 2003 walving the requirements of 37 C.F.R. § 1.98(a)(2)(i), a copy/copies of the United States Patent on PTO/SB08 is/are not being submitted.

|           |      | FOREI  | GN PATENT          | DOCUMENTS                                |   |   |
|-----------|------|--|--------------------|--|---|---|
| Examiner  | Cite | Foreign Patent Document  | Publication        | Name of Patentee or                      | Pages, Columns, Lines,                                |   |
| Initials* | No.1 | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (# known) | Date<br>MM-DD-YYYY | Applicant of Cited Document              | Where Relevant Passages<br>or Relevant Figures Appear | T |
| AL        | ВА   | EP-1 162 688-A1  | 12-12-2001         | Murata Manufacturing Co.,<br>Ltd.        |   |   |
| AL        | ВВ   | EP-1 098 387-A1  | 05-09-2001         | Matsushita Electric Industrial Co., Ltd. |   |   |
| AL        | BC   | EP-1 094 545-A2  | 04-25-2001         | Filtronic LK Oy                          |   |   |

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|                      | NON PATENT LITERATURE DOCUMENTS |   |    |  |  |  |
|----------------------|---------------------------------|---|----|--|--|--|
| Examiner<br>Initials | Cite<br>No.1                    | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |  |  |  |
| AL                   | CA                              | PATENT ABSTRACTS OF JAPAN, Vol. 1999, no. 10, August 31, 1999, Application JP 11 127010 (Sony Corp.).   |    |  |  |  |

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| Examiner Signature Date Considered 04-18-2005 |  |            |
|---|--|------------|
|   |  | 04-18-2005 |



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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE spond to a collection of information unless it contains a valid OMB control number.

| Sub   | stitute for form 1449A/B/ | PTO        |            | Complete if Known      |                   |  |
|-------|---------------------------|------------|------------|------------------------|-------------------|--|
|       |                           | •          |            | Application Number     | 10/753,885        |  |
| 11    | <b>IFORMATIO</b>          | N DI       | SCLOSURE   | Filing Date            | January 7, 2004   |  |
| S     | STATEMENT BY APPLICANT    |            |            | First Named Inventor   |                   |  |
|       |                           |            |            | Art Unit               | N/A               |  |
|       | (Use as many s            | ihe ets as | necessary) | Examiner Name          | Not Yet Assigned  |  |
| Sheet | 1                         | of         | 1          | Attorney Docket Number | 01329/0200717-US0 |  |

|    | U.S. PATENT DOCUMENTS |  |                  |                             |   |  |  |  |
|----|-----------------------|--|------------------|-----------------------------|---|--|--|--|
|    | Cite                  | Document Number                          | Publication Date | Name of Patentee or         | Pages, Columns, Lines, Where                    |  |  |  |
|    | No.1                  | Number-Kind Code <sup>2</sup> (if known) | MM-DD-YYYY       | Applicant of Cited Document | Relevant Passages or Relevant<br>Figures Appear |  |  |  |
| AL | AA**                  | US-4,800,392-B1                          | 01-24-1989       | Garay et al.                |   |  |  |  |
| AL | AB**                  | US-6,396,444-B1                          | 05-28-2002       | Goward et al.               |   |  |  |  |
| AL | AC**                  | US-6,452,551-B1                          | 09-17-2002       | Chen                        |   |  |  |  |
| P) | AD**                  | US-US2002/0053991-A1                     | 05-09-2002       | Lindell                     |   |  |  |  |

<sup>&</sup>quot; Pursuant to the Notice issued by the United States Patent and Trademark Office dated July 11, 2003 waiving the requirements of 37 C.F.R. § 1.98(a)(2)(i), a copy/copies of the United States Patent on PTO/SB08 is/are not being submitted.

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|-----------------------|------|---|--------------------|-----------------------------|---|---|
| Examiner<br>Initials* | Cite | Foreign Patent Document   | Publication        | Name of Patentee or         | Pages, Columns, Lines,<br>Where Relevant Passages |   |
|                       | No.  | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | Date<br>MM-DD-YYYY | Applicant of Cited Document | or Relevant Figures Appear                        |   |
| AL                    | ВА   | EP-1 271 690-A2   | 01-02-2003         | Nokia Corporation           | <del>-</del>                                      | _ |
| AL                    | BB   | JP-11-127010-A1   | 05-11-1999         | Sony Corp.                  |   |   |

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|                       | /  |                    |            |
|-----------------------|----|--------------------|------------|
| Examiner<br>Signature | 20 | Date<br>Considered | 04-18-2005 |
| J.g. S. S. S.         |    |                    |            |

<sup>&#</sup>x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.